

Product datasheet for **BP1068B**

Streptococcus group B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Suitable use with avidin and streptavidin amplification systems for IFA.
Reactivity:	Streptococcus sp.
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Streptococci, group B
Specificity:	Type specific carbohydrate of group B Streptococcus. Does not react with other Strep groups.
Formulation:	0.01 M PBS, pH 7.2, containing 0.09 % Sodium azide as preservative. Label: Biotin State: Liquid purified Ig fraction. Label: Covalently coupled with the N-Hydroxysuccinimide ester of under mild conditions to give a high degree of substitution
Concentration:	lot specific
Purification:	Immunoaffinity chromatography.
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Streptococci form part of the normal human flora that resides on the skin, and can also colonise the respiratory, gastrointestinal, and genitourinary tracts. Streptococci can cause a range of diseases, from the less serious but common sore throats and skin infections to life threatening conditions such as necrotising fasciitis. Different streptococcal species are involved in human disease, broadly categorised as pus forming or pyogenic streptococci, non pus forming or non pyogenic streptococci, and *Streptococcus pneumoniae*. Streptococci are classified into Lancefield serotypes by their cell wall polysaccharide antigens. Group A are primarily pathogens. Group B streptococci (including *Streptococcus agalactiae*) are the leading bacterial causes of human neonatal illness and death causing opportunistic invasive disease in pregnant women such as preterm labour, membrane rupture and urinary tract infections and sepsis and meningitis in newborns.